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Permeable polyolefin porous film prepn. for filters etc. - by extruding mixt. of polyolefin and solvent-soluble plasticiser cylindrically through circular die and treating film obtd. with solvent

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 62223245	A	19871001	JP 8666857	A	19860325	198745	B
JP 94055850	B2	19940727	JP 8666857	A	19860325	199428	

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Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 62223245	A		5		
JP 94055850	B2		4	C08J-009/26	Based on patent JP 62223245

Abstract:

JP 62223245 A

Prepn. comprises cylindrically extruding a mixt. consisting of 5-70 wt.% high molecular wt. polyolefin (A) with intrinsic viscosity measured in decalin at 135 deg.C of above 3 dl/g and 95-30 wt.% of solvent soluble plasticiser with a b.pt. above the m.pt. of (A) through a circular die for inflation moulding, and treating the obtd. film with solvent to remove (B) by extraction.

The polyolefin is homopolymer or copolymer of ethylene, propylene, 4-methyl-1-pentene, 3-methyl-1-butene, 1-butene, 1-hexene, etc.. The plasticiser is paraffin waxes, capryl flichol, lauryl alcohol, palmityl alcohol, stearyl alcohol, etc.. The solvent is heptane, hexane, ligroin, toluene, xylene, chloroform, etc. and methanol, ethanol, butanol, etc..

USE/ADVANTAGE - For filter, permeable films, etc., the film has excellent strength.

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